



COMMONWEALTH of VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

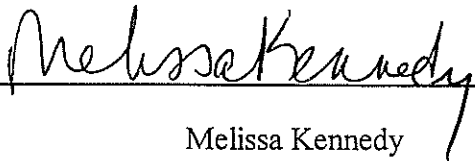
CENTRAL LABORATORY
A Nationally Accredited Laboratory

700 NORTH 5TH STREET
RICHMOND, VIRGINIA 23219
(804) 786-6971

CERTIFICATE OF INSTRUMENT ACCURACY

INSTRUMENT: Intox EC/IR II
SERIAL NUMBER: 010565
CERTIFICATION DATE: September 3, 2013
DATE RECERTIFICATION DUE: March 2, 2014

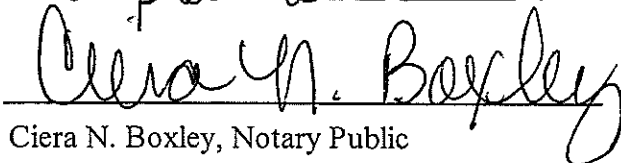
The above listed instrument was found to meet all requirements for accuracy and performance established by the Department of Forensic Science. This certification is valid from the above listed certification date until the above listed date for recertification.


Melissa Kennedy

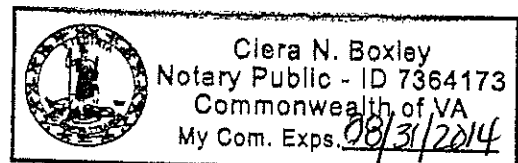
Section Supervisor, Breath Alcohol

CITY OF RICHMOND
COMMONWEALTH OF VIRGINIA

The foregoing was acknowledged before me this 12th day of
September, 2013 by Melissa Kennedy


Ciera N. Boxley, Notary Public

My commission expires: August 31, 2014
T/LN



**Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
1/1/1990 To 9/6/2013**

IMS
MSK

Instrument Serial Number: 010565 **As of 06-Sep-13**

Maintenance	Certification	Technician	
Date	Date	Initials	Remarks
03-Sep-13	03-Sep-13	HMS (18910)	FIRMWARE/SOFTWARE UPGRADE, CALIBRATED AND CERTIFIED.
26-Mar-13	26-Mar-13	DBH (21250)	REPLACED PRINTER. CERTIFIED. REPLACED DRY GAS STANDARD.
10-Oct-12	10-Oct-12	TLN (25387)	CERTIFIED
26-Apr-12	26-Apr-12	DBH (21250)	CERTIFIED
26-Mar-12	26-Mar-12	DBH (21250)	REPLACED REGULATOR. CERTIFIED
27-May-11	27-May-11	RJP (22428)	REPLACED TANK TOP LID. CERTIFIED.
24-Feb-11	24-Feb-11	RJP (22428)	REPLACED DRY GAS STANDARD. CERTIFIED.
08-Sep-10	08-Sep-10	RJP (22428)	REPLACED DRY GAS STANDARD. CERTIFIED.
23-Mar-10	23-Mar-10	RJP (22428)	REPLACED DRY GAS STANDARD. CERTIFIED
08-Oct-09	08-Oct-09	RJP (22428)	REPLACED DRY GAS STANDARD. CERTIFIED.
21-Apr-09	21-Apr-09	RJP (22428)	FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED.
04-Dec-08	04-Dec-08	RJP (22428)	CERTIFIED.
05-Nov-08	05-Nov-08	NMJ (22392)	CALIBRATED, CERTIFIED AND ACCEPTED.

INTOX EC/IR II
Quality Assurance Worksheet

AMS
NSK

Instrument Serial Number **010565** Worksheet Start Date **9/3/2013**

Location **Norton Police Department**

Address **618 Virginia Ave., Norton, VA 24273**

DFS Technician **Heather Stanton** License No. **18910**

☐ Laboratory ☒ On-Site

Site Specifications

Yes No

1 Secured Environment:

Location must not be accessible to the general public.

☒ ☐

2 Environment free from contaminants

☒ ☐

3 Dedicated telephone line:

The phone line should be used solely by the instrument.

☒ ☐

4 Adequate Ventilation:

Enough space must be provided for the instrument and the printer to allow for adequate ventilation.

☒ ☐

5 Stable temperature controls:

The instrument should not be exposed to direct sources of temperature variation.

☒ ☐

6 115VAC power source:

Whenever possible instrument power circuit should not be shared with refrigerators, copy machines or other high amperage devices.

☒ ☐

7 Room Condition:

The site should be free of excessive moisture, heat and dust.

☒ ☐

Old serial no.	New serial no.	Supplies	
E-Seek		Mouthpieces	50
Keyboard		Certificates of Analysis	50
Printer		Operator Worksheet	2 pads
UPS		Other:	

Maintenance (if any)

Firmware/software upgrade.

Comments (if any)

Instrument Serial Number 010565

Certification Date 9/3/2013

Instrument Barometer (mm HG) 705

Reference Barometer (mm HG) 706

Reference Barometer(RB)Serial # 009113

RB Calibration Due 5/8/2014

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.234
0.250	0.232	0.225	0.238	Sample 2	0.233
Precision		sample min	sample max	Sample 3	0.232
0.002		0.232	0.234		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.140
0.150	0.139	0.134	0.143	Sample 2	0.140
Precision		sample min	sample max	Sample 3	0.140
0		0.140	0.140		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.074
0.080	0.074	0.071	0.077	Sample 2	0.074
Precision		sample min	sample max	Sample 3	0.074
0		0.074	0.074		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.018
0.020	0.019	0.016	0.022	Sample 2	0.018
Precision		sample min	sample max	Sample 3	0.018
0		0.018	0.018		

all measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

☒ Calibrated☒ Certified☐ Replaced dry gas standard (+O-ring)

Dry gas standard Lot No. (with tank no.)

AG226201-24

☒ Measurement Assurance Check☒ Run a Breath Test (Instrument Test)

(successful completion denotes satisfactory condition of the item)

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.093
0.100	0.093	0.090	0.096	Sample 2	0.093
Precision		sample min	sample max	Sample 3	0.093
0		0.093	0.093		

DFS Technician

Heath M. Smith

Date

9/6/13

Issuing Analyst

Melissa Kennedy

Date

9/6/13

Intox EC/IR II QA Worksheet

Issued by Calibration and Training Program Manager

Issue Date: 4-March-2013

DFS Document 250-F113

Revision 6

Page 2 of 2



COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

ims
msk

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY STANTON, HEATHER, M		AGENCY DFS Central Lab
DFS LICENSE NUMBER 18910	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 09/03/2013
TEST EQUIPMENT NUMBER 010565		

RESULTS: TIME SAMPLE TAKEN 14:09 EDT
SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:
I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20_____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____ SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____ OPERATOR'S SIGNATURE

FOR COURT



IntoxNet MIS Report

Report Generated 06 Sep 2013 at 08:21

HMS
NWK

Test Results

Instrument Serial Number 010565

Test # 000594 Subject Test

Test Location 1 Department of

Test Date 03 Sep 2013

Test Location 2 Forensic Science

Test Time 14:03

Remote/Local Local

Test Location 3

System Check Passed

Operator's Last Name STANTON

Agency DFS Central Lab

Card Serial Number 118910

Subject's Last Name INSTRUMENT

Subject's Middle Initial

Driver's License Number

Driver's License State

End Date 03 Sep 2013

End Time 14:10

Data Type DIAG

Data Type BLK

Data Type CHK

Data Type BLK

Data Type SUBJ

Data Type BLK

Data Type SUBJ

Data Type BLK

Standard Type Dry Gas Std

Standard Lot Number AG226201-24

Tank Pressure 546

Blow Sample Number 1

Blow Duration 3.50 sec

Blow Sample Number 2

Blow Duration 3.59 sec

Tamper Evident Stamp 07cb4ac9

Test Status Success

Operator's First Name HEATHER

Effective Date 10/01/2012

Subject's Date of Birth 00/00/0000

Subject's First Name TEST

Driver's License Expiration 00/00/0000

Court Name DFS

Result Date 03 Sep 2013

Result 0.00

Result Time 14:09

Sample Value Pass

Sample Value 0.000

Sample Value 0.094

Sample Value 0.000

Sample Value 0.000

Sample Value 0.000

Sample Value 0.000

Sample Value 0.000

Sample Value 0.000

Standard Value 0.093

Standard Expiration Date 09/18/2014

Barometric Pressure 705 mmHg

Blow Volume 1719 cc

End-of-Blow Time 14:06

Blow Volume 1822 cc

End-of-Blow Time 14:09

Test Status Code 0

hus
nsh

Intox EC/IR-II: Software Version

Department of Forensic Science

Serial Number: 010565

System Date: 09/03/2013

System Time: 14:34 EDT

Software Version: VS00333-K

Software CRC: 56745BCA

Firmware Version: VS00171-CL

Firmware CRC: 7107756B

Aug
11/11

Intox EC/IR-II: Calibration

Department of Forensic Science

Serial Number: 010565 Test Number: 595

Test Date: 09/03/2013 Test Time: 14:37 EDT

Dry Gas Target: 0.093

Lot Number: 0651210013-06 Exp Date: 04/01/2014

Tank Pressure: 767 psi Barometric Pressure: 704 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	14:37
CAL	0.093	14:38

Test Status: *Success*

Calibration CRC: F3943994

HMS
Ask

Intox EC/IR-II: Certification

Department of Forensic Science

Serial Number: 010565 Test Number: 596
Test Date: 09/03/2013 Test Time: 14:41 EDT

Technician Initials: HMS

Dry Gas Target: 0.232

Lot Number: 0651225015-04 Exp Date: 04/01/2014

Tank Pressure: 80 psi Barometric Pressure: 704 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	14:42
BLK	0.000	14:43
CHK	0.234	14:43
BLK	0.000	14:45
CHK	0.233	14:46
BLK	0.000	14:47
CHK	0.232	14:48
BLK	0.000	14:49

Success

Standard Value (at sea level): 0.250 g/210L

Certification Status: Continued

HMS
ASK

Intox EC/IR-II: Certification

Department of Forensic Science

Serial Number: 010565 Test Number: 597
Test Date: 09/03/2013 Test Time: 14:51 EDT

Technician Initials: HMS

Dry Gas Target: 0.139

Lot Number: 0771315013-04 Exp Date: 05/01/2015

Tank Pressure: 301 psi Barometric Pressure: 704 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	14:52
BLK	0.000	14:53
CHK	0.140	14:53
BLK	0.000	14:55
CHK	0.140	14:55
BLK	0.000	14:57
CHK	0.140	14:57
BLK	0.000	14:59

Success

Standard Value (at sea level): 0.150 g/210L

Certification Status: Continued

HMS
Ask

Intox EC/IR-II: Certification

Department of Forensic Science

Serial Number: 010565 Test Number: 598

Test Date: 09/03/2013 Test Time: 15:00 EDT

Technician Initials: HMS

Dry Gas Target: 0.074

Lot Number: 0651208012-04 Exp Date: 04/01/2014

Tank Pressure: 370 psi Barometric Pressure: 704 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	15:00
BLK	0.000	15:01
CHK	0.074	15:02
BLK	0.000	15:03
CHK	0.074	15:04
BLK	0.000	15:05
CHK	0.074	15:06
BLK	0.000	15:07

Success

Standard Value (at sea level): 0.080 g/210L

Certification Status: Continued

HMS
MSK

Intox EC/IR-II: Certification

Department of Forensic Science

Serial Number: 010565 Test Number: 599

Test Date: 09/03/2013 Test Time: 15:09 EDT

Technician Initials: HMS

Dry Gas Target: 0.019

Lot Number: 0651202011-03 Exp Date: 04/01/2014

Tank Pressure: 389 psi Barometric Pressure: 704 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	15:09
BLK	0.000	15:10
CHK	0.018	15:10
BLK	0.000	15:12
CHK	0.018	15:12
BLK	0.000	15:14
CHK	0.018	15:14
BLK	0.000	15:16

Success

Standard Value (at sea level): 0.020 g/210L

Certification Status: Success

AMS
NSK

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010565 Test Number: 600

Test Date: 09/03/2013 Test Time: 15:18 EDT

Dry Gas Target: 0.278

Lot Number: AG322702-02 Exp Date: 08/15/2015

Tank Pressure: 502 psi Barometric Pressure: 704 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	15:19
CHK	0.280	15:20
BLK	0.000	15:21
CHK	0.279	15:22
BLK	0.000	15:24
CHK	0.279	15:25

Test Status: Success

Calibration CRC: F3943994

thru
nick

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010565 Test Number: 601

Test Date: 09/03/2013 Test Time: 15:27 EDT

Dry Gas Target: 0.232

Lot Number: AG205404-02 Exp Date: 02/23/2014

Tank Pressure: 164 psi Barometric Pressure: 704 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	15:28
CHK	0.234	15:29
BLK	0.000	15:31
CHK	0.234	15:31
BLK	0.000	15:33
CHK	0.233	15:34

Test Status: *Success*

Calibration CRC: F3943994

IMS
MSK

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010565 Test Number: 602

Test Date: 09/03/2013 Test Time: 15:36 EDT

Dry Gas Target: 0.093

Lot Number: AG226201-24 Exp Date: 09/18/2014

Tank Pressure: 531 psi Barometric Pressure: 704 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	15:37
CHK	0.093	15:38
BLK	0.000	15:39
CHK	0.093	15:40
BLK	0.000	15:41
CHK	0.093	15:42

Test Status: Success

Calibration CRC: F3943994




COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

Ans
msk

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY STANTON, HEATHER, M		AGENCY DFS Central Lab
DFS LICENSE NUMBER 18910	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 09/03/2013
TEST EQUIPMENT NUMBER 010565		

15:49 EDT

RESULTS: TIME SAMPLE TAKEN _____
0.00

SAMPLE'S ALCOHOL CONTENT _____ GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20 _____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____
SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____
OPERATOR'S SIGNATURE

FOR COURT



IntoxNet MIS Report

Report Generated 06 Sep 2013 at 08:23

AMS
Mick

Test Results

Instrument Serial Number 010565

Test # 000603 Subject Test

Test Location 1 Department of
Test Date 03 Sep 2013

Test Location 2 Forensic Science
Test Time 15:43
Remote/Local Local

Test Location 3
System Check Passed

Operator's Last Name STANTON
Agency DFS Central Lab

Operator's First Name HEATHER

Operator's Middle Initial M

Card Serial Number 118910

License Number 18910

Effective Date 10/01/2012

Expiration Date 10/01/2014

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 03 Sep 2013 End Time 15:51

Result Time 15:49

Result Date 03 Sep 2013 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 15:44

Data Type BLK

Sample Value 0.000

Sample Time 15:44

Data Type CHK

Sample Value 0.093

Sample Time 15:45

Data Type BLK

Sample Value 0.000

Sample Time 15:46

Data Type SUBJ

Sample Value 0.000

Sample Time 15:47

Data Type BLK

Sample Value 0.000

Sample Time 15:48

Data Type SUBJ

Sample Value 0.000

Sample Time 15:49

Data Type BLK

Sample Value 0.000

Sample Time 15:50

Standard Type Dry Gas Std

Standard Value 0.093

Standard Lot Number AG226201-24

Standard Expiration Date 09/18/2014

Tank Pressure 522

Barometric Pressure 704 mmHg

Blow Sample Number 1 Blow Duration 3.55 sec

Blow Volume 1739 cc End-of-Blow Time 15:47

Blow Sample Number 2 Blow Duration 3.52 sec

Blow Volume 1714 cc End-of-Blow Time 15:49

Tamper Evident Stamp 2e982cbc

Test Status Code 0

Test Status Success